

KNYAZEV, V. S.

168T49

1968/Geology, Quartz, Quartzite Jul/Aug 51

"Certain Data on the Character of Clastic Quartz in the Rocks of the Productive Strata of Azerbaijan SSZ and in the Rocks of a Number of Other Deposits," V. S. Knyazev

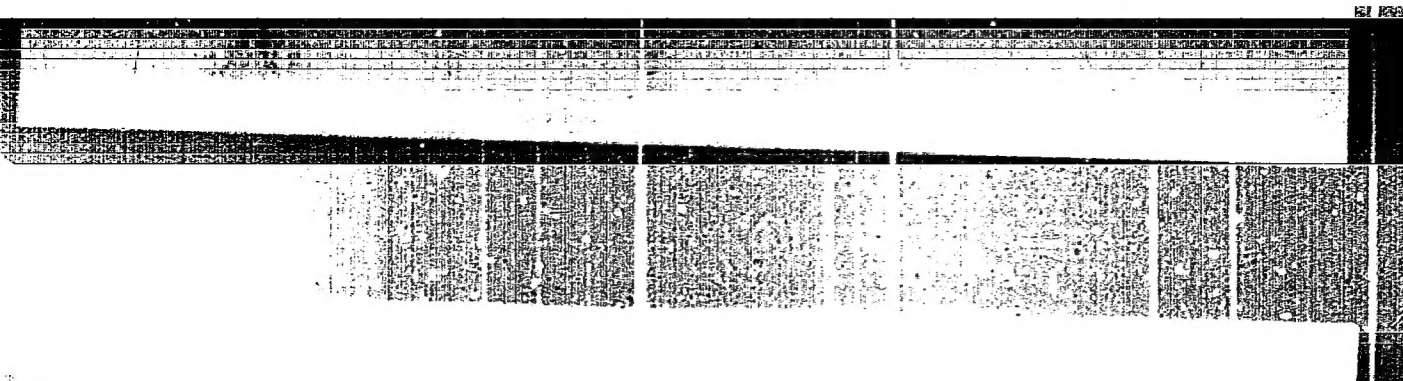
"In Ak Nauk SSSR, Ser Geol" No 4, pp 102-105

On the basis of studies of the nature of quartz taken from the rocks of the productive strata of Azerbaijan, Knyazev comes to the conclusion that the ratios of their types in various sedimentary rocks are not constant. He notes 4 different assocns of quartz types in the sedimentary rocks studied. Four diagrams show associations of quartz types (8 types) from the 4 sources: Azerbaijan, Tadzhikistan, Caspian Bayco, and Primorsky Krai.

168T49

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USSR/Geophysics - Dolomites

21 Mar 53

"Dolomitic Rocks in the Foundation of the Paleozoic Layer of Southeast Tatar," V. P. Florenskiy and V. S. Knyazev, Moscow Petroleum Inst.

DAN BSSR, Vol 89, No 3, pp 547-549

Subject rocks, found only in the deepest wells occurring in the pre-Cambrian, (that is, in the depressed parts of the then existing ancient relief), and their absence in the surface areas indicate that phase conditions were not preserved

278337

uniformly in the course of the entire period of deposition of red colored strata. Presented by Acad D. S. Polyanski.

FLORENSKIY, V.P.; KNYAZEV, V.S.; BELYANKIN, D.S., akademik.

**Environmental characteristics of Precambrian rocks of a few districts
of the eastern part of the Russian platform. Dokl.AN SSSR 91 no.4:
935-937 Ag '53. (MLRA 6:8)**

**1. Akademiya nauk SSSR (for Belyankin). 2. Moskovskiy neftyanoy institut
im. I. M. Gubkina (for Florenskiy, Knyazev and Bel'shina).
(Russian platform--Petrology)**

~~SECRET~~ V.I.
KNYA ZEY, V.S.
FLORENSKIY, V.P.; LAPINSKAYA, T.A.; KNYAZEV, V.S.

Gabbro-diabases, diabases and closely related forms in the eastern
area of the Russian Platform. Trudy MNI no.14:35-92 '55.

(MIRA 8:11)

(Russian Platform--Gabbro) (Russian Platform--Diabase)

FLORENSKIY, V.P. [deceased]; LAPINSKAYA, T.A.; KNYAZEV, V.S.

Pre-Cambrian crystalline rocks of the Tatar vault. Dokl. AN SSSR 117
no.2:298-301 M '57. (MIRA 11:3)

1. Moskovskiy neftyanoy institut im. I.M. Gubkina. Predstavleno
akademikom D.I. Sherbakovym.
(Kama Valley—Rocks, Crystalline and metamorphic)

3(4)

PHASE I BOOK EXPLOITATION

SOV/2076

Knyazev, Vladimir Sergeyevich, Galina Yur'yevna Fuks-Romanova, and
Duniya Alikperovna Agalarova

Materialy po petrografii i mikropaleontologii produktivnoy tolshehi
Azerbaydzhana (Materials on the Petrography and Micropaleontology
of the Azerbaijan Productive Series) Moscow, Izd-vo AN SSSR,
1958. 102 p. (Series: Akademiya nauk SSSR. Sovet po izucheniyu
proizvoditel'nykh sil. Azerbaydzhanskaya neftyanaya ekspeditsiya.
Trudy, vyp. 3) (Series: Akademiya nauk Azerbaydzhanskoy SSR)
Errata slip inserted. 1,300 copies printed.

Ed. of Publishing House: G.I. Nosov; Tech. Ed.: Yu. V. Rylina;
Editorial Board of Series: A.V. Topchiyev, Academician (Chair-
man); S.I. Mironov, Academician; L.V. Pustovalov, Corresponding
Member, USSR Academy of Sciences; (Resp. Ed.), M.M. Aliyev, Active
Member, Azerbaydzhan SSR Academy of Sciences; G.A. Akhmedov; M.I.
Varentsov, Corresponding Member, USSR Academy of Sciences; Ye.Ya.
Dmitriyev (Deputy Resp. Ed.); A.A. Il'in; M.F. Mirchink, Corre-
sponding Member, USSR Academy of Sciences; D.L. Moxeson; and A.V.

Card 1/4

Materials on the Petrography (Cont.)

SOV/2076

Fomin.

PURPOSE: This volume is for petrologists, geologists, and persons interested or engaged in petroleum surveying.

COVERAGE: The volume is third in a series of publications under the general title "Studies of the Azerbaijan Petroleum Expedition." It gives the results of petrographic investigations of brecciated quartz deposits, and also paleontological data based on studies of the microfauna in this region. Granulometric studies of the rocks of the region are included. There are 61 references: 41 Soviet, 14 English, 2 French, and 4 German. No personalities are mentioned.

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Knyazev, V.S. Results of Studies of the Characteristics of Brecciated Quartz (in Samples From the Productive Series of Azerbaijan and Other Deposits)

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SOV/2076

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Materials on the Petrography (Cont.)

SOV/2076

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71

Ch. II. Kobystan and the Kura Lowlands

73

Principal Conclusions

92

Agalarova, D.A. Paleontological Conclusions Based on Studies of
the Microfauna of the Productive Series of the Southeastern
Caucasus

95

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TM/bg
8-17-59

KNYAZEV, V.S.

11(4)

p. 2

PHASE I BOOK EXPLOITATION

SOV/1492

Moscow. Neftyanoy institut

Voprosy geologii i dobychi nefti (Problems in Geology and Oil Production)
Moscow, Gostoptekhnizdat, 1958. 282 p. (Series: Its: Trudy, vyp. 22)
1,300 copies printed.

Exec. Ed.: G.F. Morgunova; Tech. Ed.: A.S. Polosina; Editorial Board: K.F. Zhigach, Professor (Resp. Ed.); I.M. Murav'yev, Professor; A.A. Tikhomirov, Candidate of Economical Sciences; V.I. Yagorov, Candidate of Economical Sciences; M.M. Charygin, Professor; F.F. Dumayev, Professor; N.I. Chernozhukov, Professor; Ye.M. Kuzmak, Professor; I.A. Charnyy, Professor; G.M. Panchenkov, Professor; V.N. Dakhnov, Professor; N.S. Mametkin, Doctor of Chemical Sciences; N.A. Almasov, Docent; V.N. Vinogradov, Candidate of Technical Sciences; V.I. Biryukov, Candidate of Technical Sciences; E.I. Tagiyev, Professor; V.M. Gurevich.

PURPOSE: This book is intended for technical personnel in the oil and gas industries, as well as for instructors and advanced students in petroleum

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Problems in Geology and Oil Products

20V/1492

engineering institutes.

COVERAGE: This collection of articles, written by members of the teaching staff of the Moscow Petroleum Institute imeni I.M. Gubkina, is devoted to a discussion of the geology and production of petroleum, particularly as it applies to the Stalingradskoye Povolzh'ye, the Predkavkaz'ye, and the Southeastern part of the Russian Platform. The articles include reports on studies in hydrogeology and geophysics, a discussion of problems in directional drilling, and a review of the methodology of oil displacement (dislodging) in porous media through water drive. The articles are accompanied by diagrams, graphs, tables, and bibliographic references.

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Card 2/5

FLORENSKIY, V.P. [deceased]; LAPINSKAYA, T.A.; KNYAZEV, V.S.

**Petrographic study of the crystalline foundation of the Volga-Ural
oil-bearing area. Trudy NIKKHGP no.24:65-84 '59.**

(MIRA 13:3)

(Volga Valley--Geology, Stratigraphic)

(Ural Mountain region--Geology, Stratigraphic)

LAPINSKAYA, T. A. ; KNYASEV, V. S.

Diabetes in northwestern Bashkiria. Trudy MIREKOP no. 27:195-215
'60. (MIRA 13:9)

(Bashkiria--Diabase)

LAPINSKAYA, T.A.; KRYAZEV, V.S.

Rocks in the crystalline basement of the Volga-Ural region. Biol.
MDIP.Otd.geol. 35 no.4:137-138 JI-Ag '60. (MIRA 14:4)
(Volga-Ural region--Rocks, Crystalline and metamorphic)

KNYAZEV, V.S.

3/063/62/006/004/007
2194/2436

AUTHORS: Manahilin, V.V., Minakov, N.Kh., Agafonov, A.V.,
Vasilenko, V.P., Maslov, I.Ya., Knyazev, V.S.

TITLE: Testing of engineering development of a new system
for fluid catalytic cracking

PERIODICAL: Khimiya i tekhnologiya topliv i masel, no.6, 1962, 41-50

TEXT: To prevent spontaneous afterburning of carbon monoxide and other combustible gases which can occur in the regenerators of fluid catalytic crackers, damaging the cyclone and causing other faults, the regenerator temperature is kept below 600°C, though in many respects it would be advantageous to raise it to 650°C. To achieve this the free oxygen content of the gas in the regenerator must be reduced by raising the level of coking of the catalyst, by greatly improving the contact between air and catalyst or by a combination of these two methods. A regenerator which achieves this combined effect is the main feature of the system here described. The construction of a pilot plant reactor unit which includes the reactor, a turbulent scrubber, a regenerator and two pneumatic catalyst transport lines is

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2/065/62/000/006/004/007
2194/2436

Testing of engineering ...

described. The regenerator is a vertical cylinder with fireproof lining of 1400 mm internal diameter; it has a three stage cyclone in the upper part. Within the zone of the fluid bed is an inner hollow steel cylinder 600 mm diameter containing cooling coils with air distribution arrangements. The spent catalyst is delivered to the annular zone of the regenerator and, under conditions close to those of ideal mixing, sufficient coke is burned to maintain the temperature in this zone at about 600°C. Because of the intensive mixing there is little local overheating. Combustion of the coke is completed in the control zone and the temperature of the catalyst leaving the lower part of the zone for the reactor can be controlled by the cooling coil. The regeneration process is split into these two stages to improve combustion of the coke. Most of the coke is removed in the first zone, where the mean content of coke on the catalyst is high, the combustion being intensified by the counter current conditions and most of the oxygen used up. Operating conditions are given for the various parts of the unit and the results obtained provide all the necessary data for designing full-scale industrial plant with
Card 2/3

Testing of engineering ...

S/063/62/000/006/004/007
E194/E436

reactor and regenerator at the same high level using
pneumatic transport of PVK. The two-stage and three-stage
cyclones in the reactor and regenerator respectively gave
satisfactory retention of catalyst dust and returned it to the
fluid bed. There are 3 figures and 3 tables.

ASSOCIATION: VNII NP

Card 3/3

MANSHILIN, V.V.; MANAKOV, N.Kh.; AGAFONOV, A.V.; VASILENKO, V.P.;
MASLOV, I.Ya.; KNYAZEV, V.S.; Prinsipali uchastiye: BELOUSOVA, I.V.;
BEREZOVSKIY, V.D.; BOL'SHAKOVA, K.A.; YEMEL'YANOV, A.A.;
ZEFIROVA, Ye.O.; NEMETS, L.L.; OKINSHEVICH, N.A.; RYABOV, V.M.;
STEPANENKO, I.A.; STOLYARENKO, Ye.O.; SOLOVINSKIY, S.Ye.;
KHRAMOV, A.Ye.; CHELOCUZOVA, Ye.F.

Engineering development of a new system of catalytic cracking
in a fluidised bed. Khim.i tekhn.topl.i masel 7 no.6:41-50
Je '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gasov i polucheniya iskusstvennogo shidkogo topliva.
(Cracking process)
(Fluidisation)

KNYAZEV, V.S.; KHELOV, A.Ya.; SILIN, Yu.I.; SHNIP, O.A.

Recent data on the age of basement rocks of western Central
Asia. Dokl. AN SSSR 148 no.3:665-667 Ja '63. (MIRA 16:2)

1. Predstavleno akademikom D.I. Shcherbakovym.
(Soviet Central Asia--Rocks, Igneous)

MUZYCHENKO, Nina Mikhaylovna; YURKEVICH, Tat'yana Yakovlevna; BAKIROV, A.A., prof., glav.red.; RYABUKHIN, O.Ye., prof., red.; USPENSKAYA, N.Yu., prof., red.; ZHDANOV, M.A., prof., red.; DOLITSKIY, V.A., dots., red.; SPIKHINA, A.M., kand. geol. nauk, red.; YUDIN, G.T., kand. geol.-min. nauk, red.; TABASARANSKIY, Z.A., dots., red.; BAKIROV, E.A., dots., red.; BYKOV, R.I., dots., red.; FOMKIN, K.V., kand. geol.-min. nauk, red.; KRYAZEV, V.S., dots., red.; SHIROKOV, V.Ya., st. nauchn. sotr., red.; YUNGAS, S.M., ved. red.; NEVEL'SHTEYN, V.I., ved. red.

[Geological conditions and fundamental characteristics of oil and gas accumulations in the limits of the Epi-Hercynian platform in the south of the U.S.S.R.) Geologicheskie uslovia i osnovnye zakonomernosti razmesheniya skoplenii nefti i gaza v predelakh epigertsinskoj platformy iuga SSSR. Pod red. A.A.Bakirova. Moskva, Gostoptekhnizdat. Vol.1. [Central Asia] Sredniasia Azia. 1963. 442 p. Vol.3. [Volga Valley portion of Saratov and Volgograd Provinces] Saratovsko-Volgogradskoe Povolzh'e. 1963. 153 p. (MIRA 17:4)

1. Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti.

MANSHILIN, V.V.; AGAPONOV, A.V.; MANAKOV, N.Kh.; VASILENKO, V.P.;
MASLOV, I.Ye.; KNYAZEV, V.S.; STEPANENKO, I.A.; Prinimali
uchastiy: VAIL', Yu.K.; MEGETS, L.L.; BELOUSOVA, I.V.;
STOLYARENKO, Ye.O.; YEMEL'YANOV, A.A.; RIABOV, V.M.;
BEREZOVSKIY, V.D.; ZEFIROVA, Ye.O.; CHELOVYZOVA, Ye.P.;
SOLOTSINSKIY, S.Ye.; BOL'SHAKOVA, K.A.; KHRAMOV, A.Ye.

Catalytic cracking of raw heavy distillates on a microspheric
catalyst of Troshkovskiy clay. Khim. i tekhn. topl. i masel. 8
no.3:1-6 Mr '63. (MIRA 16:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke
nefti i gasov i polucheniyu iskusstvennogo shidkogo topliva.
(Cracking process) (Catalysts)

VAGIN, S.B.; GORDINSKIY, O.Ye.; GRIBOVA, Ye.A.; DUBROVSKAYA, M.A.; ZHDANOV, M.A., prof.; ZYUZINA, N.O.; KARTSEV, A.A.; KNYAZEV, V.S., dots.; LEONOVA, R.A.; POKROVSKAYA, L.V.; SUDARIKOV, Yu.A.; IUDIN, O.P., dots.; SOKOL'SKAYA, Z.V.; TOMKINA, A.V.; USPENSKAYA, N.Ye., prof.; POMKIN, K.V., kand.geol.-min.nauk; CHERNYSHEV, S.M.; YAVORCHUK, I.V.; BAKIROV, A.A., prof., red.; DEMENT'YEVA, T.A., ved. red.

[Geological conditions and basic characteristics of oil and gas accumulations in the limits of the Epi-Hercynian Platform in the south of the U.S.S.R.] Geologicheskie uslovia i osnovnye zakonomernosti razmeshcheniya skoplenii nefiti i gaza v predelakh epigertsainskoi platformy iuga SSSR. Pod obshchei red. A.A.Bakirova. Moskva, Nedra. Vol.2. 1964. 306 p. (MIRA 17:12)

1. Moscow. Institut neftekhimicheskoy i gazovoy promyshlennosti.

L 04166-67 EHT(1) GW

ACC NR: AT6025404

(N)

SOURCE CODE: UR/3065/66/000/051/0045/0048

AUTHOR: Voloshin, Yu. Yu.; Kasparson, A. A.; Knyazev, V. S.; Filippov, E. Ya. 67

ORG: none 131

TITLE: A sensor for actual measurement of wave velocities ✓

SOURCE: Moscow, Inzhenerno-stroitel'nyy institut. Sbornik trudov, no. 51, 1966.
Issledovaniye morskikh gidrotekhnicheskikh sooruzheniy (Research on marine structures), 45-48

TOPIC TAGS: liquid level instrument, fluid flow, velocity measuring instrument, strain gage, test instrumentation , *OCEAN DYNAMICS*

ABSTRACT: This article gives a description of the design and certain operational characteristics of a new sensor for measuring wave velocities. It consists of a housing (working part), coupling, end cap, arm, and a disk. The housing is made of a brass cylinder whose outside diameter and wall thickness are selected for convenience of mounting the strain gages and its sensing element. Experimental models of the strain-gage sensor of wave velocities were tested in the laboratory and under full-scale conditions on a calibration stand. The purpose of the tests was to check the air-tightness of the instrument and to determine its technical

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L 04166-67

ACC NR: AT6025404

performance: sensitivity, calibration characteristics, and frequency of natural vibrations. The experiment showed the sensor has sufficient sensitivity and can be used successfully for measuring fluctuations of wave velocities under full-scale conditions within a wide range (from 0.1 to 10 m/sec). Orig. art. has: 2 figures.

SUB CODE: 414, 20/ SUBM DATE: none

L 04164-67 ENI(1)/ENI(m)/ENP(1) FDN/RM/GN
ACC NR/ AT6025406 (N) SOURCE CODE: UR/3065/66/000/051/0049/0063

AUTHOR: Kasparson, A. A.; Knyazev, V. S.; Filippov, E. Ya.; Furtenko, V. P.

ORG: none

TITLE: Electrical contact wave graph with a flexible receiving unit

SOURCE: Moscow, Inzhenerno-stroitel'nyy institut, Sbornik trudov, no. 51, 1966.
Issledovaniye morskikh gidrotekhnicheskikh sooruzheniy (Research on marine hydraulic
structures), 49-53

TOPIC TAGS: electric measuring instrument, fluid flow, wave propagation, liquid level
instrument, OCEAN DYNAMICS

ABSTRACT: A new design of a wave graph with a flexible receiving unit which favorably differs from those existing has been designed, manufactured, and tested. The receiving part of the wave graph consists of wires with a polyvinyl chloride coating. Each wire ends as a contact on a polyvinyl chloride ring. On the receiving unit are 41 contacts, of which 40 are working contacts and one is a zero contact. The leads from the contacts are connected in a plug. The total length of the receiving unit can be varied depending on local conditions. To eliminate swaying of the receiving part during wave disturbance a 15-20-kg weight is suspended on a wire to the

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ACC NR: AT6025405

lower part which restricts the motion of the receiving unit to 30-50 cm. The total weight of the receiving unit with the weights does not exceed 30-50 kg (at an anticipated wave height of 8-10 m) and enables one person to freely install the wave graph in a working position without any other attachments. The electrical circuit of the wave graph consists of three basic components: a supply unit, relay unit and resistors, and receiving circuit. The wave graph is simple to assemble, reliable in operation, ensures the required accuracy of measuring the elements of waves of any height, permits processing the oscillographic recording of fluctuations of sea level on computers, is easily transported, does not require skilled servicing personnel, and is cheap to manufacture. Orig. art. has: 3 figures.

SUB CODE: 14, 20/ SUBM DATE: none

Card 2/2

KAMBURO, Mordukh Mikhalevich, inzh.; KNYAKHV, V.V., red.; KHULIKOVSKAYA,
R.G., tekhn.red.

[Some nonmetal corrosion-resistant materials] Nekotorye neme-
tallicheskie korrozionnostoikiye materialy. Gor'kovskoe knizhnoe
izd-vo, 1958. 37 p. (MIRA 12:8)
(Corrosion-resistant materials)

ARKHIPOV, Viktor Nikolayevich; KNYAZEV, V.V., red.; BRULIKOVSKAYA,
R.O., tekhn.red.

[Resin from petroleum and chlorine; polyvinyl chloride resin]
Smola iz nefti i khloro; polivinilkhloridnaya smola. Gor'kii,
Gor'kovskoe knizhnoe izd-vo, 1959. 34 p. (MIRA 13:4)
(Resins, Synthetic) (Ethylene)

APAYEV, B.A., kand.fiz.-matem.nauk, red.; ASTROV, Ye.I., kand.tekhn.
nauk, red.; KNYAZEV, V.V., red.; BRULIKOVSKAYA, R.O.,
tekhn.red.

[Metallography and the heat treatment of metals; collection of
articles] Metallovedenie i termicheskaya obrabotka; sbornik
statei. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1959. 184 p.
(MIRA 13:2)

1. Gor'kovskiy issledovatel'skiy fiziko-tekhnichekiy institut
(for Apayev). 2. Gor'kovskiy metallurgicheskiy zavod (for
Astrov).

(Metallography) (Metals--Heat treatment)

NEVZOROV, Aleksandr Mikhaylevich; SOLOV'YEV, Vladimir Sergeyevich;
BORISOV, N.I., glavnyy inzhener, stv.red.; KNYAZEV, V.V.,
red.; BRULIKOVSKAYA, R.O., tekhn.red.

["Volga" automobile; construction and operation] Avtomobil'
"Volga"; ustroystvo i ekspluatatsiya. Ger'kii, Ger'kovskoe
knizhnoe izd-vo, 1959. 165 p. (MIRA 12:9)

1. Ger'kovskiy avtomobil' (for Borisov).
(Automobiles)

ZISLIN, S.G.; MOZOKHIN, M.G.; PELTUSHENKO, O.I.; SOLOV'YEV, V.S.; CHERNO-
MASHENTSEV, A.I.; YAKUBOVICH, I.Ye.; BORISOV, M.I., red.;
KNYAZEV, V.Y., red.; KRULIKOVSKAYA, R.G., tekhn.red.

[The GAZ-69, GAZ-69A, and M-72 high-roadability automobiles;
construction and operation] Avtomobili vysokoi prokhodimosti
GAZ-69, GAZ-69A i M-72; ustroistvo i ekspluatatsiia. Pod red.
M.I.Borisova. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1959.
363 p. (MIRA 13:5)

1. Glavnyy inzhener Gor'kovskogo avtomobilnogo zavoda (for Borisov).
(Automobiles)

GULYAYEV, Anatoliy Ivanovich; NYABINKIN, Vladimir Pavlovich; KNYAZEV, V.V.,
red.; ISUPOVA, Ye.P., tekhn. red.

[Automatic control and mechanization of welding processes] Avtomatizatsiia i mekhanizatsiia protsessov svarki. Gor'kii, Gor'kovskoe
knizhnoe izd-vo, 1960. 116 p. (MIRA 14:6)
(Welding--Equipment and supplies) (Automatic control)

RYZHIKOV, A.A., doktor tekhn. nauk, red.; SANKOV, I.I., inzh., red.; KNYA-
ZEV, V.V., red.; ZAKHAROV, K.A., tekhn. red.

[Automatic control and mechanization in sowing] Avtomatisatsiya i
mekhanisatsiya litsinogo proizvodstva; sbornik statei. Gor'kii, Gor'-
kovskoe knizhnoe izd-vo, 1960. 187 p. (MIRA 14:7)
(Founding) (Automatic control)

SHMEYDER, Georgiy Konstantinovich; KNYAZEV, V.V., red.; ZAKHAROV, K.A.,
tekhn.red.

[Repairing engines of GAZ and VAZ motor vehicles] Remont dvigatel'ei avtomobilei GAZ i UAZ. Izd.3., perer. i dop. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1960. 423 p.

(MIRA 14:2)

(Motor vehicles--Engines--Maintenance and repair)

APANAS'YEV, Arseniy Khristoforovich; ZABOTIN, K.P., kand. khim.
nauk, red.; KNYAZEV, V.V., red.

[Chemistry in everyday life] Khimiia v bytu. Gor'kii, Gor'-
kovskoe knizhnoe izd-vo, 1961. 154 p. (MIRA 17:12)

YEPRIMOV, Sergey Ivanovich; KNYAZEV, V.V., red.; SERGEYEVA, M.I., tekhn.
red.

[Repairing dies used in automobile plants] Remont shtampov v avto-
mobil'nom proizvodstve. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1961.
251 p. (MIRA 14:10)
(Dies (Metalworking))—Maintenance and repair

ZISLIN, Samuil Grigor'yevich; KOTAYEV, V.V., red.

[Antifriction bearings in motor vehicles manufactures
at the Gorkiy Automobile Plant] Podshipniki kachenia
avtomobilei Gor'kovskogo avtozavoda. Gor'kiy, Gor'kov-
skoe knishnoe izd-vo, 1962. 155 p. (MIRA 17:11)

MOZOKHIN, N.O., otv. red.; KNYAZEV, V.V., red.; YUNISOVA, M.I.,
tekhn. red.

[Engine of the "Volga" automobiles; design, maintenance, repair]
Dvigatel' avtomobil'ov "Volga": ustroistvo, obsluzhivanie, re-
mont. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1962. 188 p.
(MIRA 16:1)

1. Gor'kovskiy avtomobil'nyy zavod. Gorki.
(Automobiles--Engines)

NEVZOROV, Aleksandr Mikhaylovich; SOLOV'YEV, Vladimir Sergeyevich;
KRYAZEV, V.Y., red.; YUNISOVA, M.I., tekhn. red.

[The "Volga" automobile] Avtomobil' "Volga." 2., perer. i dop.
1zd. Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1962. 326 p.
(MIRA 15:8)

(Automobiles)

SKVORTSOV, Nikolay Vasil'yevich; KNIAZEV, V.V., red.

[Output of diesel engines over and above the plan]
Dizeli - sverkh plana. Gor'kii, Gor'kovskoe knish-
noe izd-vo, 1963. 27 p. (MIRA 17:5)

KOLODNYI, Yuriy Israilevich; PISKUNOV, P.I., zasl. deyatel'
nauki i tekhniki RSFSR, prof., doktor tekhn. nauk, red.;
BULATOV, A.A., red.; KNYAZEV, V.V., red.

[Operating non-gravel contact clarifiers; an exchange of
experiences] Opyt raboty kontaktnykh osvettitелеi s bez-
graviinoy zagruskoi; obmen opytom. Gor'kii, Gor'kovskoe
knizhnoe izd-vo, 1963. 92 p. (MIRA 17:9)

LATUKHIN, Boris Mikhaylovich; KHYAZEV, V.V., red.

[Mechanization of fitting operations] Mekhanizatsiia
slesarnykh operatsii. Gor'kii, Gor'kovskoe knizhnoe izd-
vo, 1963. 117 p. (MIRA 17:8)

COROKHOVSKIY, D.M.; GUTKIN, S.G.; ZISLIN, S.G.; KUZNETSKIY, K.D.;
PELYUSHENKO, O.I.; POPOV, B.N.; YAKUBOVICH, I.Ye.;
PROSVIRNIN, A.D., *otv. red.*; KNYAZEV, V.Y., *red.*;
YUNISOVA, M.I., *tekhn. red.*

[Motor vehicles manufactured at the Gorkiy Automobile Plant]
Avtomobili Gor'kovskogo zavoda. Gor'kii, Gor'kovskoe knish-
noe izd-vo, 1963. 390 p. (MIRA 16:4)

1. Glavnyy konstruktor Gor'kovskogo avtosavoda (for Prosvirnin).
(Gorkiy--Motor vehicles)

GONIK, A.A., KRYAZEV, V.V.

Applying paint and varnish to the inner surface of a pipeline of
great length. Transp. i khran. nefti i nefteprod. no.9:7-10 '64.
(MIRA 17:10)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

GONIK, Aleksandr Adol'fovich; KNIAZEV, Vitaliy Vasil'yevich

[Inner insulation of pipelines] Vnutrenniaia izoliatsiia
truboprovodov. Moskva, Nedra, 1965. 76 p.

(MIRA 18:7)

KNYAZEV, V.Ye.; DVUKRAYEV, I.A.

Press for straightening shafts. Mashinostroitel' no.12:34
D 164. (MIRA 18:2)

KNYAZEV, V.Ye.; DVUKRAYEV, I.A.

Straightening hydraulic press. Biul. tekhn.-ekon. inform. Gos.
nauch.-issl. inst. nauch. i tekhn. inform. 17 no.2:22-24 '64.
(MIRA 17:6)

L 10598-63

EWPC(q)/EWTC(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP 3000484

S/0153/63/006/001/0173/0174

AUTHOR: Knyazev, Ye. A.

TITLE: Is there a tetravalent germanium hydroxide?

SOURCE: Izv. VUZ: Khimiya i khim. tekhnologiya, v. 6, no. 1, 1963, 173-174

TOPIC TAGS: Ge(OH) sub 4, aqueous GeO sub 2 solutions

ABSTRACT: "letter to the editor concerning the article by P. N. Kovalenko and L. V. Reznik 'Determining the pH at the beginning of solution and the activity of Ge (+4) hydroxide'". In the article in question the authors claim to have prepared Ge(OH) sub 4 by allowing Ge(OH) sub 2 to stand in distilled water for 24 hours. To obtain a saturated solution, they shook Ge(OH) sub 2 with distilled water until equilibrium was set up between solid and liquid phases. No methods for preparing Ge(OH) sub 4 appear elsewhere in the literature. Besides, GeO sub 2 does not form compounds of the type GeO sub 2 x n H sub 2 O where n = 1, 2, 3 but contains small amounts of water of adsorption. Kovalenko and Reznik claim that freshly precipitated Ge(OH) sub 2 is more soluble than commercial C.P. GeO sub 2. Knyaziv found this due to aging of Ge(OH) sub 2, i.e. the water content depends upon particle size. *It is necessary to acknowledge the legitimate critical

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L 10598-63

ACCESSION NR: AP3000484

comments of A. K. Babko and V. A. Leytsina, pointing out to readers of the journal that the results of P. M. Kovalenko and L. B. Reznik are questionable and cannot serve as proof of the existence of $\text{Ge}(\text{OH})$ sub +." (Izv. VUZ SSSR khimiya i. khim. tekhnologiya, v. 5, 679, 1952 [probably 1962]).

ASSOCIATION: none

SUBMITTED: 00

DATE ACQD: 21Jan63

ENCL: 00

SUB CODE: 00

NO REF SOV: 00

OTHER: 008

elm/14
Card 2/2

KNYAZEV, Yo.A.; KANOVSKIY, I.A.; KIRILMANEKIN, Yu.E.

Interaction of germanium dioxide with aqueous solutions of
acids and bases. Zhur.neorg.khim. 10 no.12:2698-2705 D '65.
(MIRA 19:1)

1. Ural'skiy nauchno-issledovatel'skiy i proyektnyy institut
nednoy promyshlennosti i Ural'skiy politekhnicheskiy institut
imeni Kirova.

KNIAZEV, Ye.A.

Hydrolysis of germanium tetrachloride. TSvet. mat. 36 no.8:63-66
Ag. '63. (MIRA 16:9)

(Germanium chloride) (Hydrolysis)

KNYAZEV, Ye.A.

Solubility in the system $\text{GeO}_2 - \text{H}_2\text{O} - \text{HCl} - \text{GeCl}_4$. Zhur. neorg.
khim. 8 no.10:2384-2389 0 '63. (MIRA 16:10)

1. Ural'skiy nauchno-issledovatel'skiy i proyektnyy institut
mednoy promyshlennosti.
(Germanium chloride) (Germanium oxides) (Solubility)

KNYAZEV, Yu.

Wide prospects. Vnesh. torg. 43 no. 12:3-5 '63.

(MIRA 17:2)

BORISOV, I., prepodavatel'; MORDVINTSEV, S. (g.Krasnyy Sulin, Rostovskaya obl.); MOSKVICHEV, P. (g.Ordzhonikidze); KNYAZEV, Yu., shofer 1 klassa (g.Krasnoyarsk); SOLOVEY, A., shofer 1 klassa (g.Krasnoufimsk); LAZ'KO, M., avtomekhanik (g.Kalinin); SUKHOV, I., shofer; DAVYDOV, G. (Khersonskaya obl.)

For unified regulations for awarding drivers' licenses. Avt.-
transp. 39 no.9:48-49 S '61. (MIRA 14:10)

1. Voronezhskiy uchebnyy kombinat (for Borisov). 2. Miaszkoye
avtobusnoye khozyaystvo (for Sukhov).
(Automobile drivers' licenses)

SHALAYEVA, Z.; CHIRKOV, A.; ENYAZEV, Yu.

Letters to the editor. Obshchestv.pit. no.11:43 N '62.

(MIRA 16:1)

1. Chlen soveta kluba shalesnodorozhnikov, Alatyrs' Gruzvashskoy
ASSR (for Shalayeva). 2. Nachal'nik Velikolukskogo otdela
rabochego snabzheniya Otkryat'skoy shalesnoy dorogi (for
Chirkov).

(Restaurants, lunchrooms, etc.)

ZIMTING, V.N.; KNYAZEV, Yu.A.

Attaching supports to cylinder-type foundations at the base. Transp.
stroi. 13 no.7:10-11 J1 '63. (MIRA 16:9)

1. Glavnyy inzh. stroitel'no-montazhnogo poyezda No.12 tresta
Kubasstransstroy (for Zimting).
(Electric Railroads--Poles and towers)

KNYAZEV. Yu.A.

Blood protein spectrum in children with diabetes mellitus.
Vop.okh.mat. 1 det. 8 no.2:68-74 F'63. (MIRA 16:7)

1. Iz kafedry detskikh bolezney (zav. - prof. M.M.Bubnova)
lechebnogo fakul'teta II M-skovskogo meditsinskogo instituta
imeni N.I.Pirogova (rektor - dotsent M.G.Sirotkina).
(BLOOD PROTEINS) (DIABETES)
(CHILDREN-DISEASES)

ACCESSION NR: AP4041997

S/0057/84/034/007/1234/1230

AUTHOR: Knyazev, Yu. P.; Mitin, R. V.; Petrenko, V. I.; Borovik, Ye. S.

TITLE: Radiation of a high pressure argon arc

SOURCE: Zhurnal tekhnicheskoy fiziki, v.34, no.7, 1964, 1234-1230

TOPIC TAGS: arc radiation, arc stability, high pressure arc, argon plasma

ABSTRACT: The authors have previously described a method for stabilizing a high pressure arc by causing the surrounding gas to rotate, and have reported experimental results obtained with helium and argon arcs (Ye. S. Borovnik, R. V. Mitin and Yu. R. Knyazev, ZhTF 31, 1329, 1961; R. V. Mitin, Yu. R. Knyazev and V. I. Petrenko, ZhTF 34, 340, 1964). Now they describe two new methods for inducing the stabilizing rotation of the gas. In one series of experiments a disc bearing a number of vanes was rotated at one end of the arc chamber. With this apparatus arcs up to 8 cm long could be investigated at pressures up to 10 MN/cm². In another series, gas was injected tangentially to the cylindrical wall of the arc chamber by nozzles, withdrawn through openings in the end plates, and recirculated by a pump. With this apparatus arcs up to 25 cm long could be investigated at pressures up to 2.6 MN/cm². High pressure rotation

Cord
1/2

30095
S/057/61/031/011/010/019
B104/B108

76.Y3/1

AUTHORS: Borovik, Ye. S., Mitin, R. V., and Knyazev, Yu. R.

TITLE: Long high-pressure arcs

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 31, no. 11, 1961, 1329 - 1336

TEXT: A device for producing long arcs (up to 8 cm) at pressures of some ten atmospheres is described. Diagrams are shown in Figs. 1 and 2. The chamber 1 (Fig. 1), made of stainless steel (inner diameter 85 mm, 400 mm high), is closed by steel flanges 2. The chamber is designed for pressures up to 100 atm. The two copper electrodes are water-cooled. The anode 3 is fixed, and the cathode 4 is adjustable. The maximum electrode spacing is 10 cm. The heat-insulating screen-system 5 is rotated by an electric motor 8,9 (2500 rpm). A sectional view of one of the electrodes is shown in Fig. 2. Without rotating insulation it was impossible to obtain long arcs in a hydrogen atmosphere. With rotating insulation the arcs became more stable and reached a length of 8 cm. In helium the maximum arc length without rotating insulation was 4 cm, and with rotating insulation it was 8 cm (He pressure, 30 atm; $V_{\max} = 400$ v). The axial losses and the

Card 1/4₂

ACCESSION NR: AP4013425

S/0057/84/034/002/0340/0343

AUTHOR: Mitin, R.V.; Knyazev, Yu.R.; Petrenko, V.I.

TITLE: Long high-pressure arc in argon

SOURCE: Zhurnal tekhn.fiz., v.34, no.2, 1964, 340-343

TOPIC TAGS: long arc, high pressure arc, argon arc, rotating gas arc, rotation stabilized arc, argon

ABSTRACT: Argon arcs up to 8 cm long were investigated at pressures from 3 to 100 atmospheres and currents from 10 to 150 A in the rotating gas apparatus described elsewhere (Ye.S.Borovik, R.V.Mitin, Yu.R.Knyazev, ZhTF 31, 1329, 1961). The apparatus was so altered as to make possible rotation speeds up to 8000 rpm, and an observation window was provided. At rotation speeds above 2500 rpm the arc was stable. At speeds below 2000 rpm the cathode spot was mobile, the column vibrated, and the potential fluctuated and increased with decreasing rotation speed. The measurements reported were conducted in the stable region at rotation speeds from 4000 to 6000 rpm. The diameter of the luminous portion of the arc increased with increasing current and pressure. The potential drop across the arc increased with pressure,

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ACCESSION NR: AP4013428

and at high currents the electric field within the column was approximately proportional to the pressure. The luminous flux from the arc was measured with a vacuum photocell. The luminous flux was found to be proportional to $I^m p^n$, where I is the current, p is the pressure, the exponent m drops from 1.5 to 1.0 as p increases from 6 to 60 atmospheres, and n drops from 1.2 to 1.0 as I increases from 10 to 100 A. Thus, at high pressures and currents the luminous flux is proportional to $I p$. Since the potential drop is also proportional to p under these conditions, the radiative efficiency is constant. This constant radiative efficiency was not measured, but the authors consider it logical to assume the efficiency to be unity, i.e., that all the energy loss at high current and pressure is due to radiation. The temperature of the arc was estimated from its conductivity. At 100 A and 32 atmospheres, the temperature was thus found to be about 10^4 °K. The corresponding degree of ionization is 1%. Orig.art.has: 5 formulas and 8 figures.

ASSOCIATION: none

SUBMITTED: 24Dec62

DATE ACQ: 25Feb64

ENCL: 00

SUB CODE: PH

NR REF SOV: 001

OTHER: 008

Car 2/2

KNYAZEV, Yu.R.; MITIN, R.V.; PETRENKO, V.I.; BOROVIK, Ye.S.

Radiation from a high-pressure argon arc. Zhur. tekhn. fiz. 34
no.7:1224-1230 J1 '64 (MIRA 17:8)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723330009-4

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723330009-4"

ACC NR: AT6020457 (N) SOURCE CODE: UR/0000/65/000/000/0248/0288

AUTHOR: Mitin, R. V.; Knyazev, Yu. R.; Petrenko, V. I.; Borovik, Ye. S.

73

ORG: none

71

TITLE: Pulse heating in a high pressure argon arc

SOURCE: AN UkrSSR. Vzaimodeystviye puchkov zaryazhennykh chastits s plazmoy (Interaction of charged particle beams with plasma). Kiev, Naukova dumka, 1965, 248-266

TOPIC TAGS: argon, plasma heating, dense plasma, pulse heating, black body radiation

ABSTRACT: This work describes the study of a dense high-temperature argon plasma heated by a steady current with very high current pulses superimposed for a sufficiently long time to establish thermal and hydrodynamic equilibrium. The experimental system consists of the steady current source, a pulse current source (bank of capacitors) and a discharge chamber. The electrical characteristics of the system are described and the dynamic characteristics are given for several capacitor charges. The argon arc was studied spectroscopically and optically with the following results: 1) the electric field in the plasma column was found to have a constant value in the axial direction. Its value increased slightly with current and pressure increase (1/3 and 1/4 powers, respectively); 2) surface radiance increased linearly with the electric power delivered to 1 cm of the arc and at 3.5×10^6 W/cm reached a value corresponding

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L 08803-67

ACC NR: AT6020457

2
to a black body of 12000°K; 3) the charged particle density reached 10^{19} in one cm^3 and the temperature in the central position of the arc discharge was found to be in the range of 30,000-70,000°K. Orig. art. has: 19 formulas, 9 figures.

2/
SUB CODE: 20/ SUBM DATE: 11Nov65/ ORIG REF: 008/ OTH REF: 005

Cord 2/2 nat

BK

ACCESSION NR: AP4029225

8/0106/64/000/004/0075/0076

AUTHOR: Knyazev, Yu. S.

TITLE: Channel capacity with a group-amplified limited signal in a multichannel single-band transmitter

SOURCE: Elektrosvyas', 18-
no. 4, 1964, 75-76

TOPIC TAGS: radio, radio telegraphy, multichannel radio telegraphy, radio channel, radio channel capacity

ABSTRACT: This formula for the channel traffic-carrying capacity is derived:

$$C = \Delta f \log_2 \left[1 + 2.1 \frac{\sigma_{\text{св}}^2}{\mu(1 + \mu \sigma_{\text{св}}^2)} \right]$$

Here, Δf is the signal band; other symbols taken after G. E. Shannon. The

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ACCESSION NR: AP4029225

formula has been developed through approximating the group-channel amplitude characteristic by the peak-limiter characteristic. Six or more channels will justify the used representation of the group signal by a normal random process. Orig. art. has: 3 figures and 8 formulas.

ASSOCIATION: none

SUBMITTED: 10Apr63

SUB CODE: EC

DATE ACQ: 28Apr64

NO REF SOV: 002

ENCL: 00

OTHER: 000

Cord 2/2

KRYAZEVA, A.A.

**Problem of the establishment of temporary bonds in response to
insensible stimuli acting on the human sense organs. Trudy fisiol.
inst. 4:37-48 '49. (MIRA 9:5)**

(REFLEXES) (SENSORS AND SENSATION)

АРАПОВА, А.А.; КЛААС, Ю.А.; КНЯЗЬВА, А.А.

. Analysis of the modifications of auditory sensitivity during sound stimulation of various intensity. Probl.fisiol.akust., Moskva Vol. 2:19-28 1950. (CJML 20:5)

1. Laboratory of the Physiology of Sense Organs, Physiological Institute imeni Academician I.P.Pavlov of the Academy of Sciences USSR.

KNYASEVA, A.A.; BARNEL', I.N.

Formation of conditioned reflexes to a minimal intensity of light stimulation. Probl. fiziol. opt. no.10:112-123 '52. (MLRA 7:11)

1. Klinika glasnykh bolezney i Laboratoriya fiziologii analizatorov pri klinike bolezney ucha, gorla i nosa 1-go Leningradskogo Meditsinskogo instituta im. I.P.Pavlova. Zav. klinikoy daystvitel'nyy chlen AMN SSSR prof. V.V.Cherkovskiy, konsul'tant prof. G.V.Gerakuni.

(LIGHT, effects,

conditioned reflex to minimal light stimulation)

(REFLEX, CONDITIONED,

prod. in minimal light stimulation)

KNYAZOVA, A.A., kand.biol.nauk; OLISOV, V.S., kand.med.nauk (Leningrad)

Diagnostic role of audiometric measurements in patients with an open and closed auditory canal [with summary in English]. Vest. oto-rin. 20 no.1:54-58 Ja-F '58. (MIRA 11:3)

1. Iz kafedry bolezney ucha, gorla i nosa (sav.-chlen-korrespondent AMN SSSR prof. V.F.Undrita) i Leningrandskogo meditsinskogo instituta. (HEARING TESTS

audiometry, value in diag. of hearing disord. (Rus)

S/153/60/003/003/014/036/XX
B016/B058

AUTHORS: Kalinichenko, I. I., Knyazeva, A. A.

TITLE: Photocolorimetric Determination of Nickel in Alloyed Copper Without Separation of the Latter

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 3, pp. 418 - 421

TEXT: The authors report on the elaboration of a photocolorimetric method for the determination of nickel in alloyed copper, which makes it unnecessary to separate the copper. In the method used so far (with dimethyl glyoxime in the presence of an oxidizer in the alkaline or ammoniacal medium), copper had to be separated when its content exceeded that of nickel. Experiments showed that the brownish green color of the copper dimethyl glyoxime complex is destroyed by an addition of Trilon B, while the oxidized nickel dimethyl glyoxime complex is maintained. They recommend a sequence of adding the reagents which must be adhered to: to the solution to be analyzed, Seignette salt is added

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Photocolorimetric Determination of Nickel 8/153/60/003/003/014/036/XX
in Alloyed Copper Without Separation of B016/B058
the Latter

first, then the oxidiser (ammonium persulfate solution), then alkali, then dimethyl glyoxime in NaOH solution and only after 2 to 3 min, Trilon B. In this case, the coloring of the solution does not disappear, but is maintained for a long time. The authors further emphasize that at a great excess of alkali, Trilon B does not entirely destroy the copper dimethyl glyoxime. If the amount of ammonium chloride introduced binds the entire alkali, a total destruction of the brownish green color of the copper complex occurs. Small amounts of Trilon B do not influence the color intensity of the oxidized nickel dimethyl glyoxime. The amount of dimethyl glyoxime should be at least 3 mole per 1 mole Cu+Ni. A figure shows the absorption curve of the reagent solutions in various combinations. The authors achieved a good reproducibility of the coloring at a nickel content in copper not below 2.5% (Ni : Cu > 1 : 40). The nickel content in alloyed copper is 3.5-5.0%. The authors conclude from the results tabulated that their method produces accurate results, not inferior to those by other methods. They presume that nickel is more than bivalent in oxidized nickel dimethyl glyoxime. Papers by the following authors are mentioned: A. M. Dymov

Card 2/3

KALINICHENKO, I.I.; KNYAZEVA, A.A.

Reply to the letter by A.K. Babko on the article by
I.I. Kalinichenko and A.A. Kniasova "Photocolorimetric
determination of nickel in alloyed copper without separating
it." Izv.vys.uch.sov.; khim.i khim.tekh. 5 no.4:685-687
'62. (MIRA 15:12)

(Nickel—Analysis)
(Babko, A.K.)

(Copper alloys)

BOKUCHAVA, M.A., SOBOLEVA, G.A., KNYAZEVA, A.M.

Transformation of tea leaf catechins brought about by high temperatures [with summary in English]. Biokhimiia 23 no.2 (MIRA 11:6)
266-268 Mar-Apr '58

1. Institut biokhimiia im. A.N. Bakha AN SSSR, Moskva.

(HEAT, effects

transform. of catechins in tea leaves (Rus))

(TEA,

heat causing transform. of catechins in tea leaves (Rus))

(PHENOLS,

catechins in tea leaves, transform. caused by heat (Rus))

20 -118-6-29/43

AUTHORS: Skobeleva, M. I., Bokuchava, M. A., Knyazeva, A. M.

TITLE: Change of the Content of Volatile Aldehydes in the Thermal Treatment of Tea
(Ismeniya soderzhaniya letuchikh al'degidov v protsesse termicheskoy obrabotki chaya)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 6, pp. 1153-1154 (USSR).

ABSTRACT: The application of heat-treatment has been investigated for years (references 1 - 5). A new manufacturing process of black tea due to which both the quality and storage property are substantially improved, was proposed as result of these investigations. The new method is based on the reduction of the ferment action and on the increase of the thermophysical processes. In this case the torsion-time is reduced by 50%, the second phase of fermentation is eliminated and replaced by a heat-treatment. The tannin-content of tea can be increased by 3 - 4% and its aroma and taste substantially improved. The quality was increased by 0,5 to 0,75 points, compared with the control samples. Since the volatile aldehydes are of importance for the aroma of the tea,

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Change of the Content of Volatile Aldehydes in the
Thermal Treatment of Tea

20-118-6-29/13

their change of content was investigated. Green tea and black tea produced according to the new technology - after heat-treatment - were investigated. Table 1 shows that during thermal treatment the aldehyde content increases both with green and black tea. An organoleptic examination showed that the heat-treatment gives an agreeable taste and aroma to the tea. A second test-series (table 2) confirmed the above results again. There are 2 tables, and 5 references, all of which are Slavic.

ASSOCIATION: Institute for Biochemistry imeni A. N. Bakht, AS USSR
(Institut biokhimii im. A. N. Bakht Akademii nauk SSSR)

PRESENTED: November 15, 1957, by A. I. Oparin, Academician.

SUBMITTED: November 14, 1957.

Card 2/2

**DOKUCHAYA, M.A.; KRYAZOVA, A.M.; SKOBEL'VA, N.I.; DMITRIYEV, A.P.;
PRUDEN, V.G.**

**Results of production testing of the new technology for black
tea. Biokhim. zhurn. no. 7:12-24 '59. (MIRA 13:5)**

**1. Institut biokhimii imeni A.N. Bakha AN SSSR, Moskva.
(TRA)**

BOKUCHAVA, M.A.; SKORNILOVA, N.I.; KNYAZEVA, A.M.

Increasing the vitamin P value and improving the quality of tea.
Biokhimiia 24 no.2:371-375 Mar-Apr '59. (MIRA 12:7)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R., Moscow.
(TEA, vitamin P enriched (Rus))
(VITAMIN P, enrichment of tea (Rus))

BOKUCHAVA, M.A.; PUPOV, V.R.; KNYAZOVA, A.M.; UL'YANOVA, M.S.

Chemical composition and quality of Indian tea leaves and black tea. Biokhim, chain. proizv. no.8:111-128 '60. (MIRA 14:1)

1. Institut biokhimii imeni A.N. Bakha AN SSSR, Moskva.
(Tea)

BOKUCHAYA, M.A.; SEDNEVA, N.I.; KNYAZOVA, A.M.; GRIGOR'YEV, A.I.;
POLUPANOVA, R.V.

Results of testing the new technological of manufacturing black
tea in the Dagomys Tea Factory in 1958-1959. Biokhim. chain.
proizv. no.8:176-185 '60. (MIRA 14:1)

1. Frost "Azercay", Baku.
(Azerbaijan--Tea)

KALINICHENKO, I.I.; KNYAZOVA, A.A.

Photocolorimetric determination of nickel in copper alloys
without separating copper. Izv.vys.ucheb.zav., khim. i khim.
tekh. 3 no.3:418-421 '60. (MIRA 14:9)

1. Ural'skiy politekhnicheskii institut imeni S.M. Kirova,
kafedra obshchey khimii.

(Nickel—Analysis) (Nickel-copper alloys)

KNYAZEVA, A.P., Cand Biol Sci -- (diss) "Effect of
changeable temperatures ^{up variation of} on the ~~change~~ biological
properties of duck eggs during the period of prein-
cubation ^{incubation} ~~incubation~~." Belaya Tserkov' 1958, 19 pp (Dir of
Agr USSR, Belaya Tserkov' Agr Inst) 150 copies
(EL, h2-58, 11h)

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ACC NR: AP6035678 (A,N) SOURCE CODE: UR/0413/66/000/019/0026/0026

INVENTOR: Naumov, Yu. A.; Bazhanova, L. G.; Knyazeva, A. P.

ORG: none

TITLE: Preparation of α -naphthyl N-methylcarbamate. Class 12, No. 186438 [announced by Branch of the All-Union Scientific Research Institute of Chemicals for Plant Protection (Filial Vsesoyuznogo nauchno-issledovatel'skogo instituta khimicheskikh sredstv zashchity rasteniy)]

SOURCE: Izobretaniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 26

TOPIC TAGS: α naphthyl methylcarbamate preparation, naphthol, methylcarbamoyl chloride, sodium acetate, *chloride, carbon compound*

ABSTRACT: To increase the yield of the final product in the preparation of α -naphthyl N-methylcarbamate from α -naphthol and methylcarbamoyl chloride in an inert solvent at elevated temperatures, the process is conducted in the presence of a basic or acid catalyst, e.g., SnCl_4 , HgSO_4 , or CH_3COONa . [W.A. 50]

SUB CODE: 07/ SUBM DATE: 26Jan66

Card 1/1

UDC: 547.495.1.07

KNYAZEVA, A. S.

"Treatment of Retention Cysts and Pseudoabscesses in the Ovary of Bartholin,"
Sov. med., No.2, 1948

Obstet. Gynecol. Clinic, Pediatrics Faculty, Tashkent Med. Inst. im. Molotov

ZHURAVLEV, A.M., inzh.; KATSMAN, Z.Ya., inzh.; KNYAZEVA, A.V., inzh.; SYCHNIKOVA,
L.N., inzh.; TSIRIL'SON, V.A., inzh.

Mechanisation of conveying operations at the "Krasnaia Krot" Plant. Mekh. i avtom.proizv. 19 no.1:23-25 Ja '65.
(MIRA 18:3)

LAPIN, V.V.; KURTOVA, N.N.; KRYAZOVA, D.N.

A new aluminous rare-earth mineral with a perovskite structure isolated from slag. Dokl. AN SSSR 134 no.5:1192-1195 0 '60.

(MIRA 13:10)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii
i geokhimii Akademii nauk SSSR. Predstavleno akademikom D.S.Korshinskiy.
(Rare earths) (Mineralogy)

LAPIN, V.V.; KURTSEVA, N.N.; KNYAZEVA, D.M.

Britholite from einder and gehlenite containing rare earths. Zap.-
Vses.min.ob-va 90 no.6:727-731 '61. (MIRA 15:2)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,
mineralologii i geokhimi (IGEM) AN SSSR, Moskva.
(Gehlenite) (Britholite)

SVESHNIKOVA, Ye.V.; ANYAZEVA, D.N.; DMITRIYEVA, M.T.

Metaniet thorites from nepheline syenite rocks in the Yenisey
Range. Trudy Min. muz. no. 15:239-246 1977.

(MIRA 17:11)

KNYAZEVA, E.N.

Studies on the characteristics of the course of mixed
brucellosis and Q fever infection in guinea pigs, Zhur.
mikrobiol., epid. i immu. 33 no.7:125-130 J1 '62.
(MIRA 17:1)

1. Is Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR.

QENIG, V.A.; KNYAZEVA, E.N.; TSEL'NIKOV, P.S.; MIROSHNICHENKO, M.M.

Experience in mass immunization with M-44 live vaccine against Q fever.
Report No.1: Subcutaneous method of immunization. Vop. virus. 10 no.3:
319-323 My-Je '69. (MIRA 18:7)

1. Institut epidemiologii i mikrobiologii imeni Gamalei AMN SSSR,
Moskva. 2. Chitinskiy institut epidemiologii, mikrobiologii i gigiyeny
(for Tsel'nikov). 3. Kirgizskaya respublikanskaya sanitarno-epidemiologi-
cheskaya stantsiya (for Miroshnichenko).

KNYAZEVA, E.N.

Vaccinal process in guinea pigs in simultaneous immunisation
with brucellosis and Q-rickettsiosis live vaccines. Zhur. mikro-
biol., epid. i immun. 42 no.1:47-52 Ja '65.

(MIRA 18:6)

1. Institut epidemiologii i mikrobiologii im. N.F. Gamalei AMN
SSSR.

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AUTHOR: Knyazeva, E. N.

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TITLE: Vaccinal process in guinea pigs immunized with Brucella and Q-Rickettsia live vaccines simultaneously

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 1, 1965, 47-52

TOPIC TAGS: experiment animal, immunization, immunology, antigen, vaccine

ABSTRACT: Simultaneous inoculation subcutaneous and epicutaneous of guinea pigs with Brucella and Q-Rickettsia live vaccines had no unfavorable effect on the animals. The local and systemic reactions were no more severe than those following inoculation with a single vaccine. Inoculation with two live vaccines resulted in immunological reorganization with respect to both antigens due to insemination of the organism with Brucella and Rickettsia. The dynamics of the immunological processes, their duration and degree of intensity with respect to each antigen did not differ significantly from the corresponding indices in the control animals. The results indicate that it may be possible to immunize human beings with the two vaccines at the same time. Orig. art. has: 2 figures and 2 tables. [JPRS]

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KNYAZEVA, G.A.; KRASHNIKOV, A.S., dots., kand. sel'khoz. nauk, red.

[Literature on the biology of horses, asses and mules, horse raising, and equestrian sports, published in the U.S.S.R. in 1917-1961; classified index] Literatura po biologii lozhadi, osla i mula, po konevodstvu i konnomu sportu, izdannaya v SSSR v 1917-1961 gg.; sistematicheski ukazatel'. Moskva, 1962. 653 p.

(MIRA 1612)

1. Moscow. Moskovskaya sel'skokhozyaystvennaya akademiya in. K.A. Timiryazeva. Muzei konevodstva. 2. Direktor Muzeia konevodstva, Moskva (for Krasnikov). 3. Starshiy nauchnyy sotrudnik Muzeia konevodstva, Moskva (for Knyazeva).

(Bibliography--Horses) (Bibliography--Asses and mules)

KNIAZEVA, G. D. Cand. Med. Sci.

Dissertation: "Modifications of Regional Lymphatic Glands in Cases of Wounds of the Extremities." First Moscow Order of Lenin Medical Inst. 3 Feb 47.

SO: Vechernyaya Moskva, Feb, 1947 (Project #17836)

KHIAZEVA, G. D.

"Changes in Regional Lymphatic Nodes in cases of Trauma of extremities" by G. D. Khiazeva, Chair of Pathologic Anatomy (Chief - Acad. A. I. Abrikosov) First Moscow Ord Lenin Med Inst. pp. 77-94

SO: Luchshiy Nauchnyy Rabot Aspirantov (Best Scientific Work of Aspirants) Submitted at Medical Higher Educational Institution and Sci Res Inst. Published by Medgiz, Moscow, 1951. Edited by Prof. A. G. Gukasyan. Armed Forces Med Lib
WB 5 G 969L 1951

KHYAZOVA, G.B.

Comparative study of the process of healing of wounds in white rats with and without tissue therapy. Arkh. pat., Moskva 15 no.3:41-50 May-June 1953.
(OJNL 25:1)

1. Of the Department of Pathological Anatomy (Head -- Academician A. I. Abrikosov), First Moscow Order of Lenin Medical Institute.

Excerpta Medica 3/4 sec 16 Apr 55 Cancer

1384. KNYAZEVA G. D. Dept. of Path., 1st Moscow med. Inst. *Reticulosarcomatosis after prolonged treatment of chronic myeloid leucosis by X-rays and radioactive phosphorus (Russian text)* Arkh. Patol. (Moscow) 1954, 2 (38-39) illus. 2

Description of a case in a 24-year-old woman, who had suffered from her 4th year of chronic myelosis. X-rays had brought about periodical recurrences. Finally she had been treated by radioactive phosphorus. Autopsy showed, apart from myelosis of the liver, the spleen and the bone marrow, a retroperitoneal sarcoma with invasion into the 2nd lumbar vertebra and the spinal canal with compression of the spinal cord.

Brandt - Berlin

KNYAZEVA, G.D.

DVIZHKOV, P.P., otvetstvennyy redaktor; AVTSYN, A.P., redaktor; VINOGRADOVA, T.P., redaktor; DERMACHEN, I.S., redaktor; KNYAZEVA, G.D., redaktor; PALNIN, L.O., redaktor; RAPOPORT, Ya.L., redaktor; SMOLYANNIKOV, A.V., redaktor; UGRYUMOV, B.P., redaktor; SMIRN, R.D., redaktor; KOMAROVA, E.N., redaktor; ZAKHAROVA, A.I., tekhnicheskii redaktor

[Proceedings of the All-Union Conference of Pathoanatomists, Leningrad, July 4-9, 1954] Trudy Vsesoiuznoy konferentsii patologoanatomov 4-9 iul'ia 1954 g. Leningrad. Moskva, Gos. izd-vo med. lit-ry, 1956. 411 p. (MIRA 10:3)

1. Vsesoiuznaya konferentsiya patologoanatomov. Leningrad, 1954. (ANATOMY, PATHOLOGICAL-CONGRESS)